

Title (en)

DEVICE FOR PRODUCING A DETOXICATING EMULSION FOR COMBAT AGENTS

Publication

**EP 0236883 B1 19920603 (DE)**

Application

**EP 87102869 A 19870228**

Priority

- DE 3607424 A 19860306
- DE 3616744 A 19860517

Abstract (en)

[origin: EP0236883A2] The process is used to produce a detoxicating emulsion, in particular for ABC combat agents, in which the substances are mixed in accordance with a specified formulation and sprayed under pressure. The water is first sucked out of a water container 1 by a main pump 2 whose pressure side is again connected to the water container 1 via a short-circuit loop 4. A substream of water is then tapped off via a pipeline 5 and used for mixing with the substance C 8 (calcium hypochlorite). The mixture consisting of A 4 and an emulsifier are then fed via a metering pump 10 to the main pipeline 12 in accordance with a first mixing section 36 and in a second mixing section 37, the slurry consisting of water and C 8 is added to the main pipeline 12. While maintaining an adequate development time, possibly using an inliner 34, the emulsion is discharged via discharge lances 14. <IMAGE>

IPC 1-7

**A62D 3/00; B01F 3/08; B01F 3/12**

IPC 8 full level

**A62D 3/00** (2006.01); **A62D 3/38** (2007.01); **B01F 3/08** (2006.01); **B01F 3/12** (2006.01); **A62D 101/02** (2007.01); **B01F 13/10** (2006.01)

CPC (source: EP)

**A62D 3/38** (2013.01); **B01F 23/41** (2022.01); **B01F 23/56** (2022.01); **B01F 23/59** (2022.01); **A62D 2101/02** (2013.01); **A62D 2203/10** (2013.01); **B01F 33/80** (2022.01)

Cited by

CN103736599A; FR2840218A1; EP0306030A1; EP0385895A1; FR2643792A1; CN102794137A; GR20200100663A; GR1010256B; WO2014019570A1; WO9509042A1

Designated contracting state (EPC)

AT BE DE FR IT NL

DOCDB simple family (publication)

**EP 0236883 A2 19870916; EP 0236883 A3 19890510; EP 0236883 B1 19920603; DE 3779447 D1 19920709**

DOCDB simple family (application)

**EP 87102869 A 19870228; DE 3779447 T 19870228**